

BRUHAT BENGALURU MAHANAGARA PALIKE

Name of the work :- General Public Toilet and Septage Maintenance in ward no
1 Dasarahalli Sub Division



Estimated Cost 2.50 Lakhs

S.N	Description of work	Unit	No.	L	B	D	Qty	Rate	Amount
1	Earthwork excavation for foundation to buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, In hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated stuff from edges of excavation with upto 50m including cost of explosives, labour and HOM of equipment complete as per specifications. specification. No. KBS 2.1 (b) 2.3.1 (PWD SR 2016-17 P 5 It 2.4) Basic rate (283+6%=299.98/cum)	Cum	1	26.00	0.60	0.60	9.36		
	Main road						9.36	305.64	2861.00
	Basic Rate		283.00						
	Add 8% Area weightage		22.64						
	Total		305.64						
2	KSRB 12-1.4 : Providing and laying in position to required level or slope 230mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications. Specification No. KBS 12.2.5 / 12.7(P 70 It 11.4)	Mtrs	1	26.00			26.00		
	Main road						26.00	564.84	14686.00
	Basic Rate		523.00						
	Add 8% Area weightage		41.84						
	Total		564.84						
3	Providing and laying in position plain cement concrete M7.5 40mm and down size graded granite metal, machine mixed concrete laid in layers not exceeding 15 cms thick, well compacted, for 230mm internal diameter stoneware pipes including cost of materials, labour charges, HOM of machinery, curing complete as per specifications (P 70 It 11.13)	Mtrs	1	26.00			26.00		
	Main road						26.00	503.28	13085.00
	Basic Rate		466.00						
	Add 8% Area weightage		37.28						
	Total		503.28						
4	KSRB 12-5.2 : Constructing brick masonry circular type manhole 0.91 m internal dia at bottom 1.67m deep and 0.56m dia at top, with table moulded non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick with cement mortar 1:3, finish with a floating coat of neat cement, foundation concrete 1:3:6 mix using 40mm and downsize granite metal and making necessary channel in cement concrete 1:2:4 mix with 20mm and downsize granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming IS : 12592, total weight of cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4 20mm and downsize broken granite metal, providing and removing entering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately) Specification No. KBS 12.4(P 71 It 11.37) Basic rate 13577.00+6%=14391.62/Each								

S.N	Description of work	Unit	No.	L	B	D	Qty	Rate	Amount
		Nos	1				1.00	14391.62	14391.62
	Basic Rate		13577.00						
	Add 8% Area weightage		1086.16						
	Total		14663.16						
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (P 6 It 2.10)	Cum	1	26.00	0.60	0.22	3.43	137.16	471.6
	Basic rate		127.00						
	Main road		127.00						
	Basic Rate		10.16						
	Add 8% Area weightage		137.16						
	Total								

6 SOLID PANEL PRELAM PVC DOOR SHUTTER : Providing and fixing 30 mm thick factory made rigid foam with both side Pr- laminated Panelled Door Shutters made from M.S. tube of 19x19 mm, 19 gauge for styles and 15x15mm for top and bottom rails, covered with heat moulded Pre-laminated PVC C Channel of 5mm thick sheet and 30x50mm wide to form styles and 5mm thick and 75mm wide Pre-laminated PVC Sheets for top rail, lock rail and bottom rail on either side and 5mm thick, 20 mm wide cross PVC sheet as gap insert for top rail and bottom rail, Panelling of 5mm thick PVC sheet Pre-laminated on either side fitted in the M.S. frame, Sealed to the styles and rails with PVC Designer beading on either side and joined together with solvent cement adhesive etc., Complete as per manufacturers specification and direction of Engineer-in-charge fixed to frames with 3 nos. of 75 mm.

Aluminium hinges. (Page no 58. Item no. 9.85.1 S.R 2016-17)

GROUND FLOOR
toilet

Basic Rate = 4045.00
Area Weightage @ 8% = 323.60
Total Rate per Unit = 4368.60

sqm	1	6	0.75	2.10	9.45	9.45	4368.60	41283.00
-----	---	---	------	------	------	------	---------	----------

7 KSRB 14-17.2 Providing skirting, dado, rises of steps with Color glazed tiles 30 x 60 cms, 6mm thick on 6mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface excluding cost of rough plastered surface which should be measured and paid seperately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications (Page No.106, I.No.14.41.2) size 30x60cms)

Ground Floor
For Toilet/ Bath
toilet

Sqm

2	5.00	1.50	15.00
1	2.10	1.50	3.15
2	10.00	1.50	30.00

Deductions
D2

Basic Rate = 1484.00
Area Weightage @ 8% = 89.04
Total Rate per Unit = 1573.04

0.75	2.10	-6.30	41.85	1573.04	65832.00
------	------	-------	-------	---------	----------

8 KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including primary coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing surface even and sand paper smooth, cost of materials, labour, complete ass per specifications. (page no. 117 item no. 15.49-1 S.R 2016-17)

Basic Rate = 71.00
Area Weightage @ 8% = 5.68
Total Rate per Unit = 76.68

4	5.00	3.00	60.00	60.00	76.68	4601.00
---	------	------	-------	-------	-------	---------

S.N	Description of work	Unit	No.	L	B	D	Qty	Rate	Amount
9	Providing and finishing External walls in two coats over one coat of 100% acrylic silicon glaze primer with antifungal paint for coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specification. (page no 125-Item No 15.104)								
	same qty as per outside plastering work								
	Basic Rate =	151.00	4	5.00	3.00		60.00	163.08	9785.00
	Area Weightage @ 8% =	12.08							
	Total Rate per Unit =	163.08							
10	KSRB13-1.1 : Providing and fixing Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) size 12.5cms x7.5cms	Each	4				4.00	307.80	1231.00
	Basic Rate	285.00							
	Area Weightage @ 8%	22.80							
	Total	307.80							
11	KSRB13-1.1 :Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.(P-88 & 12.111).	Each	5				5.00	172.80	864.00
	Basic Rate	160.00							
	Area Weightage @ 8%	12.80							
	Total	172.80							
12	KSRB13-1.1 :Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal boreincluding cost of all materials, labour and HOM of equipments with allleads complete as per specifications..(P-91 & 13.34).	Each	2				2.00	648.00	1296.00
	Basic Rate	600.00							
	Area Weightage @ 8%	48.00							
	Total	648.00							
13	KSRB 11-11.8 : Providing and fixing white vitreous china clay, surgeon type wash basin size 660 x 460 with a pair of 15 mm C.P. brass pillar taps with pair of elbow operated levers, C.I./M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KRS 11 (Page : 81 Item No. 12.30)	Unit	3				3.00	4945.32	14836.00
	Basic Rate	4579.00							
	Area Weightage @ 8% =	366.32							
	Total	4945.32							
14	KSRB 13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 25 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads, complete as per specifications. Specification No. KBS 13.2/13.3 (Page No.91 & Item No.)	Each	3				3.00	293.76	881.00
	Basic Rate	272.00							
	Area Weightage @ 8% =	21.76							
	Total	293.76							
15	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa Pattern of size 580 x 440 mm with integral type footrest, 100mm S or P trap, 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I./M.S. brackets, 32 mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25 mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing	Pan	3				3.00	4682.88	14049.00
	Basic Rate	4336.00							
	Area Weightage @ 8% =	346.88							
	Total	4682.88							

S.N	Description of work	Unit	No.	L	B	D	Qty	Rate	Amount
16	KSRB 11-7.1 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (Page : 78 Item No. 12.7)	Unit	3				3.00	3204.36	9613.00
		Basic Rate						2967.00	
		Area Weightage @ 8% =						237.36	
		Total						3204.36	
17	KSRB 11-15.3: Providing and fixing 453x357mm rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (Page : 82 Item No. 12.41)	Unit	2				2.00	1274.40	2549.00
		Basic Rate						1180.00	
		Area Weightage @ 8% =						94.40	
		Total						1274.40	
								SUB TOTAL	212315.00
								Tender Premium	10616.00
								GST 12 %	25478.00
								Miscellaneous	1591.00
								GRAND TOTAL	250000.00

18) Model of
debit
TR 150 x 0.5 x 0.60
a 12.62

2016-17ನೇ ವರ್ಷದ SR Rate fix
G.S.T. ಕಡತ

(Rs. Two Lakhs Fifty Thousand only)

CERTIFICATE

- 1 Certified that The work spot has been inspected by me and the work is necessary & site condition
- 2 Certified that the work is not split up
- 3 Certified that the estimate is based on PW,P&I/WTB Bangalore Circle SR of 2018-19
- 4 Certified that Adequate & necessary provisions
- 5 Certified that the above area comes under BBMP limit
- 6 This Work is not included in any other work taken up

Asst Engineer
Ward-14

Assistant Executive Engineer
Dasarahalli Sub Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P

ನಂ. EE/OD/AS/120/18-19
17/01/19
ರೂ. 2,50,000/-
ರೂ. Two Lakhs Fifty Thousand only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಅನುಸಾರವಾಗಿ ವರದಿ
ನಿರ್ದೇಶಕರ ಅಧೀನದಲ್ಲಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಖಲೆ ಇಲಾಖೆ
ದಾಖಲೆ ಸಂಖ್ಯೆ: 120/18-19

ನಂ. EE/OD/AS/120/18-19
17/01/19
ರೂ. 2,50,000/-
ರೂ. Two Lakhs Fifty Thousand only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಅನುಸಾರವಾಗಿ ವರದಿ
ನಿರ್ದೇಶಕರ ಅಧೀನದಲ್ಲಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಖಲೆ ಇಲಾಖೆ
ದಾಖಲೆ ಸಂಖ್ಯೆ: 120/18-19